

CLAIMS

The invention claimed is:

20037
5 1. A method for sending a pre-selected portion of a document to a recipient via electronic mail comprising the steps of:

receiving a pre-selected portion of a document;

receiving a command to send the pre-selected portion of the document to a recipient via electronic mail; and

in response to receiving the command to send the pre-selected portion of the document,

10 coding the pre-selected portion of the document for transmission via electronic mail, and

sending the coded pre-selected portion of the document to the recipient via electronic mail.

15 2. The method of Claim 1, further comprising the steps of:
determining content in the pre-selected portion of the document; and
in response to determining the content,

changing a user interface to correspond with the content.

20 3. The method of Claim 1, wherein coding the pre-selected portion of the document comprises coding the pre-selected portion into HTML.

4. The method of Claim 1, wherein sending the coded pre-selected portion of the document to the mail client via electronic mail comprises:

25 launching an electronic mail application program; and

inserting the coded pre-selected portion of the document into an e-mail message.

5. The method of Claim 2, wherein the command to send the pre-selected portion to a recipient via electronic mail is received through the user interface.

5 6. The method of Claim 2, wherein the user interface comprises a send button that corresponds to content of the pre-selected portion of the document and changes in response to the content of the pre-selected portion.

10 7. The method of Claim 1, wherein the pre-selected portion of the document comprises a data range comprising a single cell or multiple cells.

8. The method of Claim 1, wherein the pre-selected portion of the document comprises a table or pivot table.

15 9. The method of Claim 1, wherein the pre-selected portion of the document comprises a chart or pivot chart.

20 10. The method of Claim 1, wherein the pre-selected portion of the document comprises a graphic or other object.

11. The method of Claim 1, wherein the document comprises a spreadsheet document or file.

25 12. The method of Claim 1, wherein the document comprises a word processing document or file.

13. The method of Claim 4, further comprising the steps of:
detecting a command to apply an interactive control to the pre-selected portion of the document; and

in response to receiving the command to apply the interactive control to the pre-selected portion,

coding an interactive control for the pre-selected portion, and
sending the interactive control to the recipient.

5

14. The method of Claim 13, further comprising the steps of:
inserting the coded interactive control into the e-mail message with
the coded pre-selected portion of the document so that a recipient can apply the
interactive control to the pre-selected portion.

10

15. The method of Claim 13, wherein the interactive control comprises
an ActiveX control.

15

16. The method of Claim 13, wherein the interactive control comprises
information to enable the recipient viewing the content of the pre-selected
portion to manipulate the content.

20

17. The computer-readable medium of Claim 13, wherein the interactive
control provides functionality for filtering, sorting, calculating, pivoting, and
charting.

18. The method of Claim 13, wherein the interactive control comprises a
spreadsheet application program function.

19. In or for a computer system comprising a processing unit, a user input device coupled to the processing unit, a memory coupled to the processing unit, a display device coupled to the processing unit, and an application program running on the processing unit, for sending a pre-selected portion of a document to a recipient via electronic mail, operable to perform the steps:

receiving a pre-selected portion of a document;

receiving a command to send the pre-selected portion of the document to a recipient via electronic mail; and

in response to receiving the command to send the pre-selected portion of the document,

coding the pre-selected portion of the document for transmission via electronic mail, and

sending the coded pre-selected portion of the document to the recipient via electronic mail.

20. The computer system of Claim 19, further comprising the steps: determining content in the pre-selected portion of the document; and in response to determining the content, changing a user interface to correspond with the content.

21. The computer system of Claim 19, wherein the step of coding the pre-selected portion of the document comprises coding the pre-selected portion into HTML.

22. The computer system of Claim 19, wherein the step of sending the coded pre-selected portion of the document to the recipient via electronic mail comprises the steps:

launching an electronic mail application program; and

inserting the coded pre-selected portion of the document into an e-mail message.

23. The computer system of Claim 20, wherein the command to send the pre-selected portion to a recipient via electronic mail is received through the user interface.

24. The computer system of Claim 20, wherein the user interface comprises a dynamic send button that corresponds to content of the pre-selected portion of the document and changes in response to the content of the pre-selected portion.

25. The computer system of Claim 19, wherein the pre-selected portion of the document comprises a data range comprising a single cell or multiple cells.

26. The computer system of Claim 19, wherein the pre-selected portion of the document comprises a table or pivot table.

27. The computer system of Claim 19, wherein the pre-selected portion of the document comprises a chart or pivot chart.

28. The computer system of Claim 19, wherein the pre-selected portion of the document comprises a graphic or other object.

29. The computer system of Claim 19, wherein the document comprises a spreadsheet document or file.

30. The computer system of Claim 19, wherein the document comprises a word processing document or file.

31. The computer system of Claim 22, further comprising the steps:
detecting or receiving a command to apply an interactive control to the pre-
selected portion of the document; and

5 in response to detecting or receiving a command to apply an interactive
control to the pre-selected portion,

coding an interactive control for the pre-selected portion, and
sending the interactive control to the recipient.

10 32. The computer system of Claim 31, further comprising the steps:
inserting the coded interactive control into the e-mail message with
the coded pre-selected portion of the document so that the recipient can apply the
interactive control to the pre-selected portion.

15 33. The computer system of Claim 31, wherein the interactive control
comprises an ActiveX control.

20 34. The computer system of Claim 31, wherein the interactive control
comprises information to enable a recipient viewing the content of the pre-
selected portion to manipulate the content.

35. The computer system of Claim 31, wherein the interactive control
comprises filtering, sorting, calculating, pivoting, and charting functions.

25 36. The computer system of Claim 31, wherein the interactive control
comprises a spreadsheet application program function.

37. A computer-readable medium with instructions for automatically sending a pre-selected portion of a spreadsheet document to a recipient, having computer-executable instructions comprising :

receiving a pre-selected portion of a document;

5 determining content in the pre-selected portion of the document;
in response to determining the content,

changing a user interface to correspond with the content;

receiving a command through the user interface to send the pre-selected portion of the document to a recipient via electronic mail;

10 in response to receiving the command to send the pre-selected portion of the document,

coding the pre-selected portion of the document for transmission via electronic mail,

launching an electronic mail application program, and

15 inserting the coded pre-selected portion of the document into an e-mail message;

detecting a command to apply an interactive control to the pre-selected portion of the document;

20 in response to receiving a command to apply an interactive control to the pre-selected portion,

coding an interactive control for the pre-selected portion, and

inserting the coded interactive control into the e-mail message with the coded pre-selected portion of the document so that the recipient can apply the interactive control to the pre-selected portion; and

25 sending the coded pre-selected portion of the document and the interactive control to the recipient via electronic mail.

38. The computer-readable medium of Claim 37, wherein the pre-selected portion of the document is coded into HTML.

39. The computer-readable medium of Claim 37, wherein the user interface comprises a send button that corresponds to content of the pre-selected portion of the document and changes in response to the content of the pre-selected portion.

40. The computer-readable medium of Claim 37, wherein the pre-selected portion of the document comprises a data range comprising a single cell or multiple cells.

41. The computer-readable medium of Claim 37, wherein the pre-selected portion of the document comprises a table or pivot table.

42. The computer-readable medium of Claim 37, wherein the pre-selected portion of the document comprises a chart or pivot chart.

43. The computer-readable medium of Claim 37, wherein the pre-selected portion of the document comprises a graphic or other object.

44. The computer-readable medium of Claim 37, wherein the document comprises a spreadsheet document or file.

45. The computer-readable medium of Claim 37, wherein the document comprises a word processing document or file.

46. The computer-readable medium of Claim 37, wherein the interactive control comprises an ActiveX control.

47. The computer-readable medium of Claim 37, wherein the interactive control comprises information to enable a recipient viewing the content of the pre-selected portion to manipulate the content.

5 48. The computer-readable medium of Claim 37, wherein the interactive control comprises filtering, sorting, calculating, pivoting, and charting functions.

49. The computer-readable medium of Claim 37, wherein the interactive control comprises a spreadsheet application program function.